

54. (Amended.) A DNA sequence encoding an alpha-amylase, said alpha-amylase having an amino acid sequence which is at least 60% identical to SEQ ID NO:4 and an alteration of E376K, using SEQ ID NO:4 for numbering.

59. (Amended.) The DNA sequence of claim 54, wherein the DNA sequences encodes an alpha-amylase that comprises the alteration 156Y+181T+190F+209V+264S.

60. (Amended.) The DNA sequence of claim 54, wherein the DNA sequences encodes an alpha-amylase that comprises the alteration S417T.

61. (Amended.) The DNA sequence of claim 54, wherein the DNA sequences encodes an alpha-amylase that comprises the alteration A420Q,R